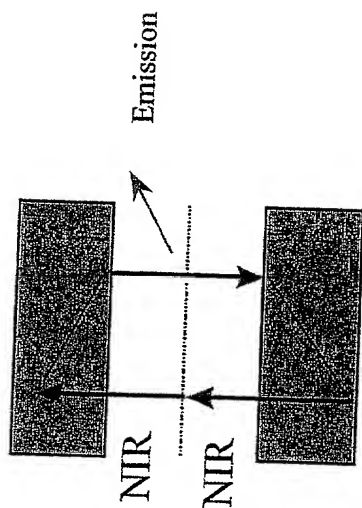


a.)



b.)

Figure: 1

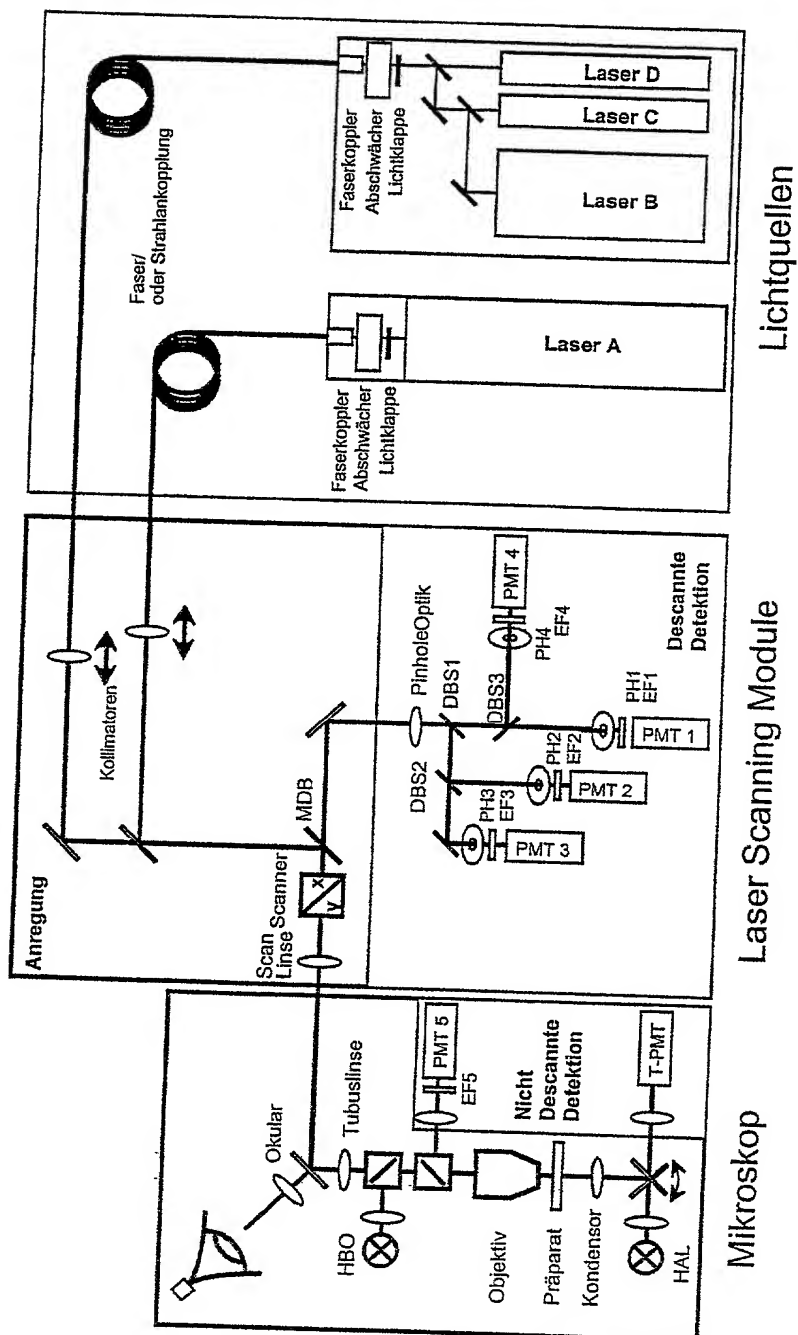
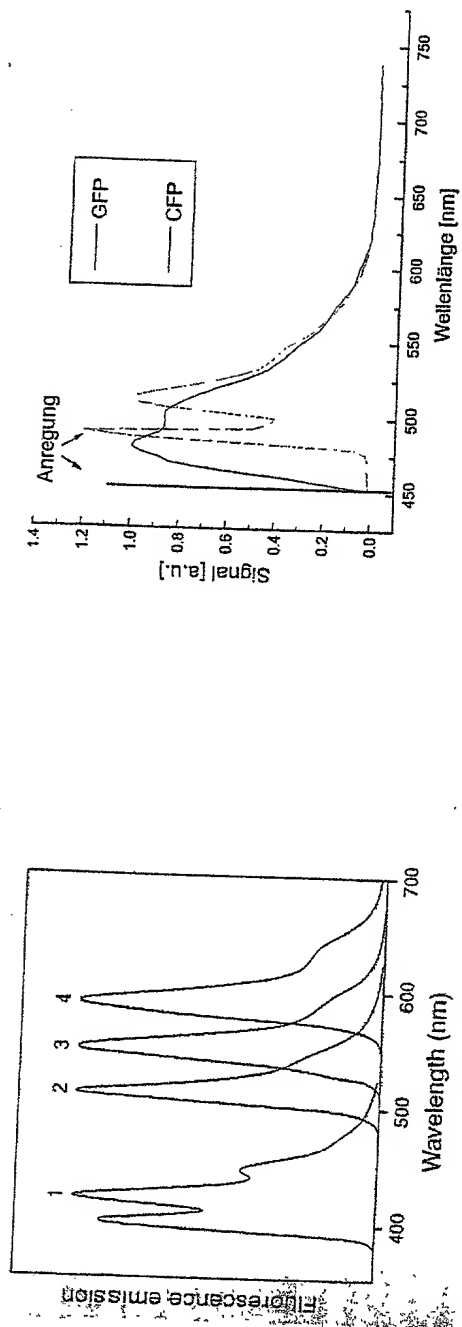
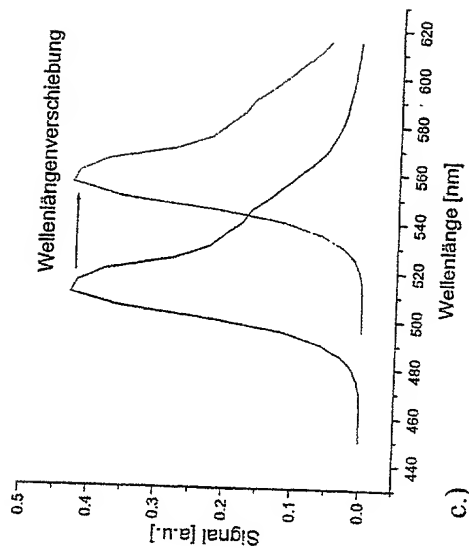
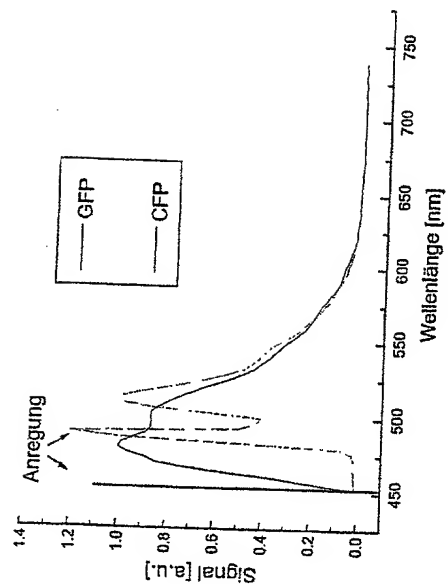


Figure: 2



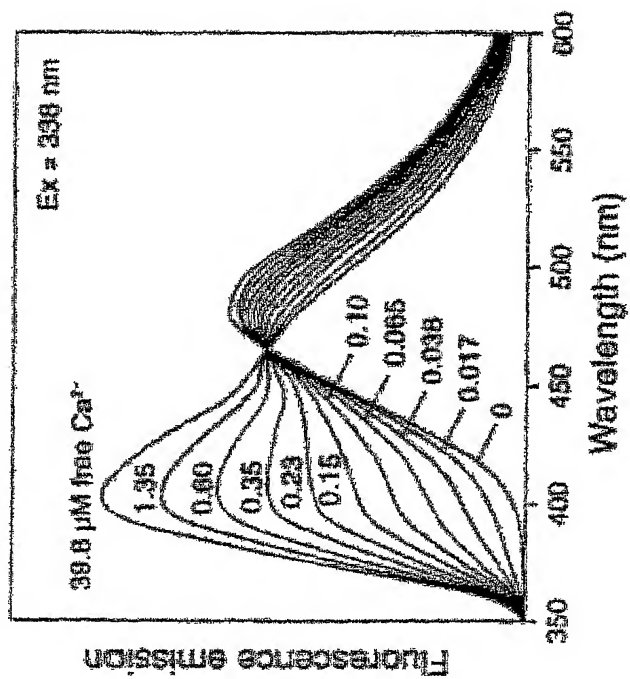
a.)

b.)

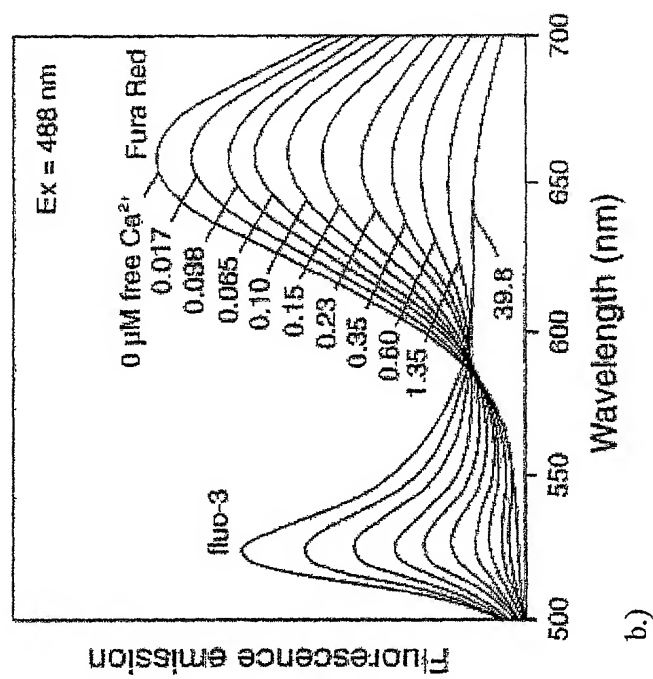


c.)

Figure: 3



a.)



b.)

Figure: 4

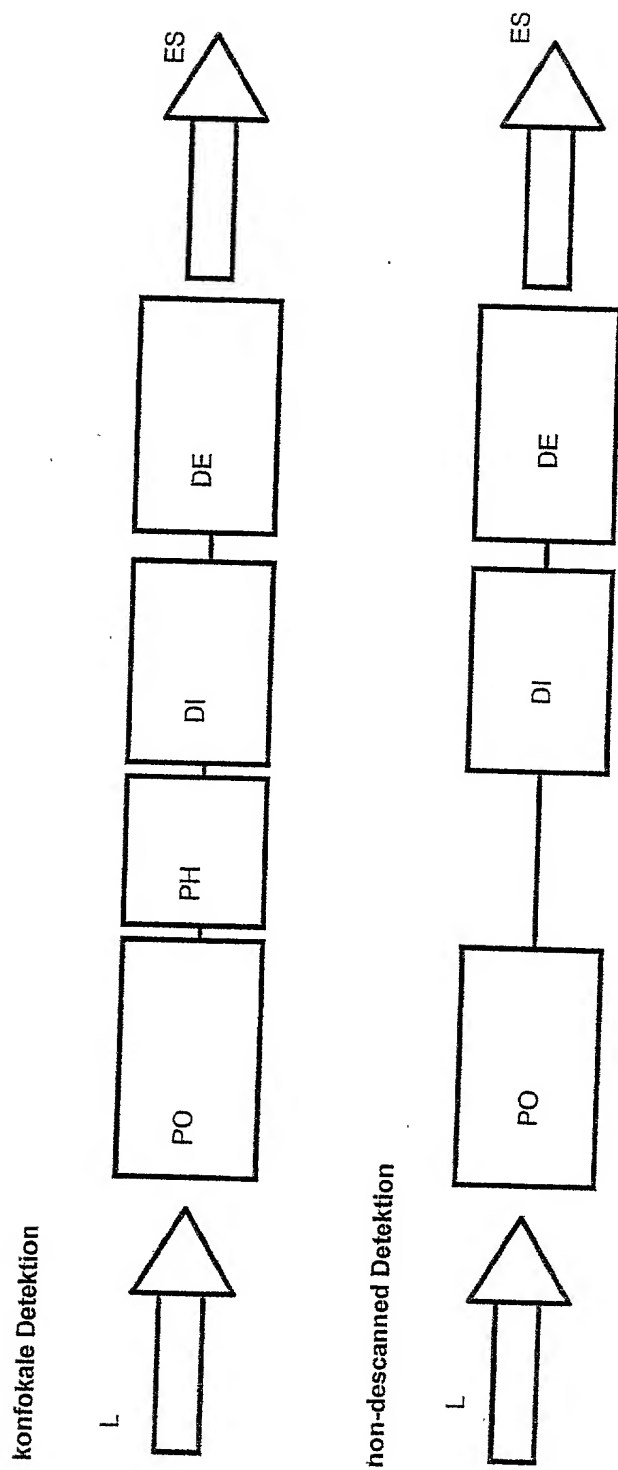


Figure: 5

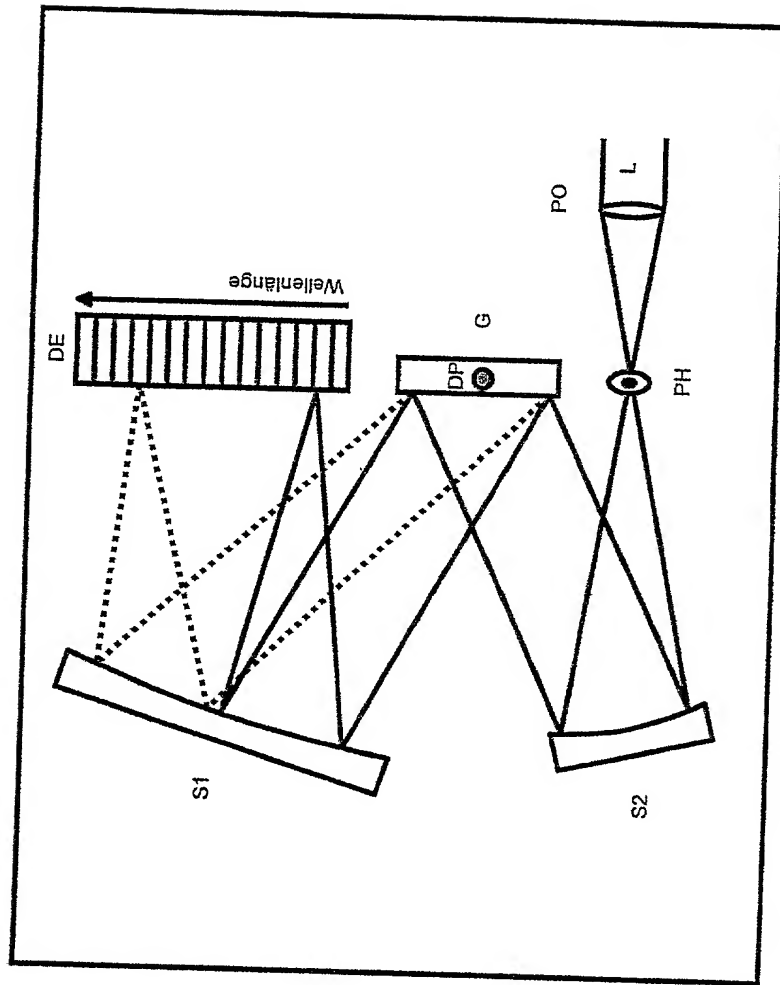


Figure: 6

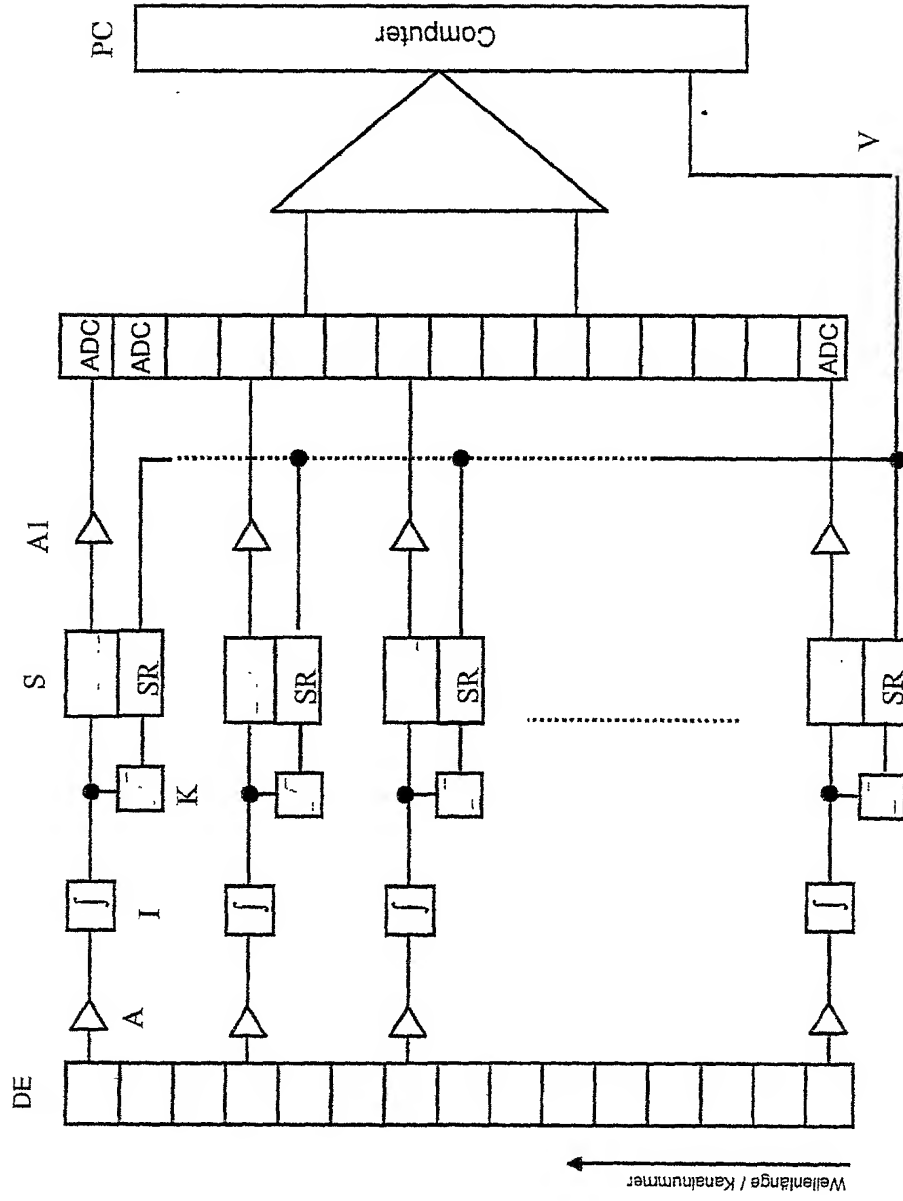
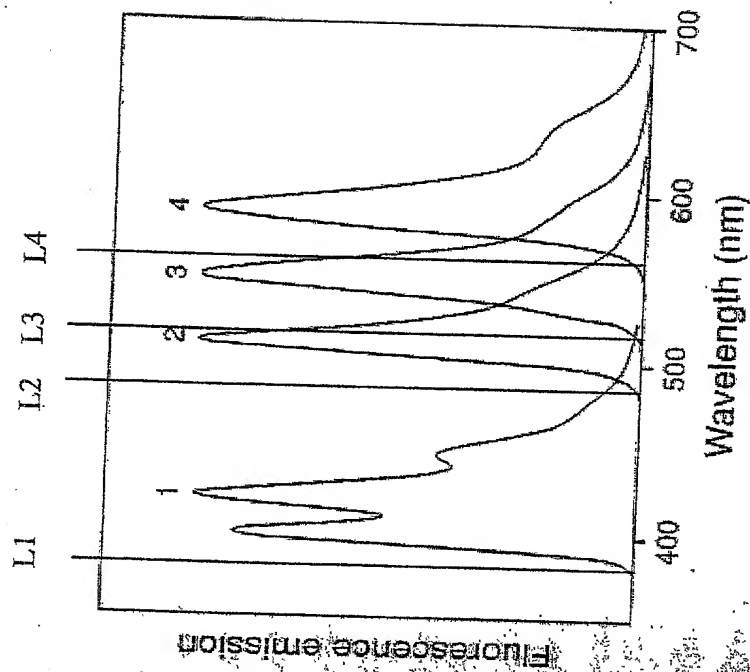
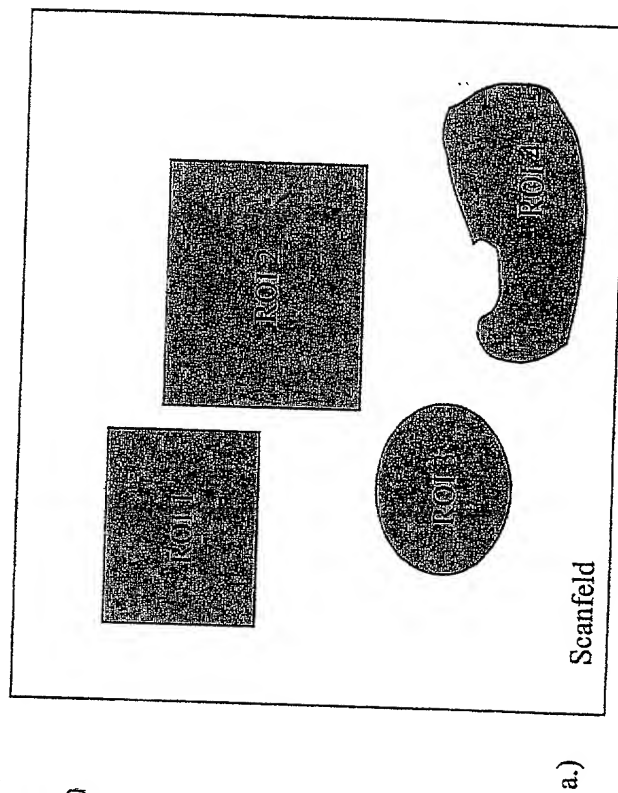


Figure: 7



b.)



a.)

Figure: 8



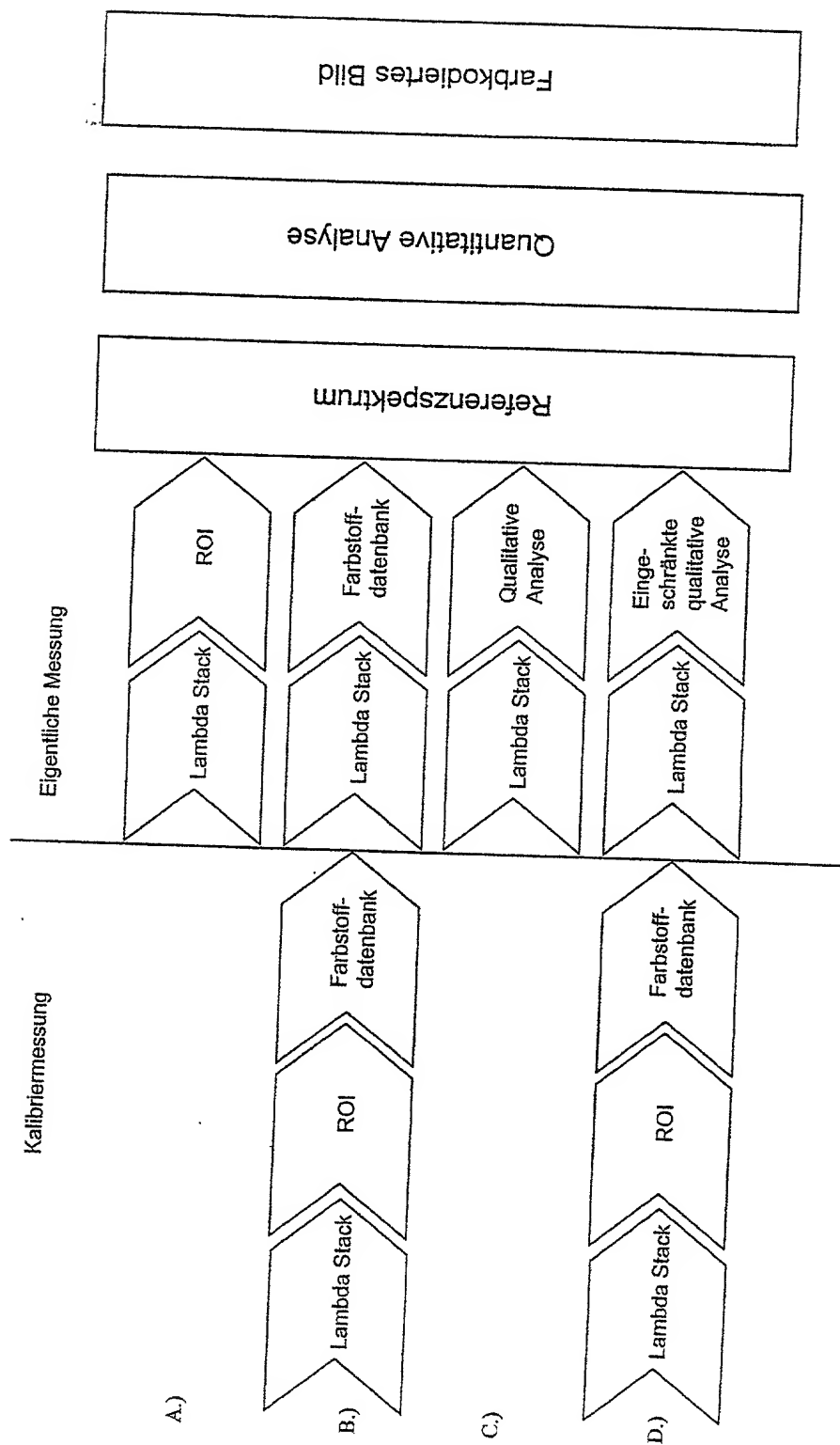


Figure: 9

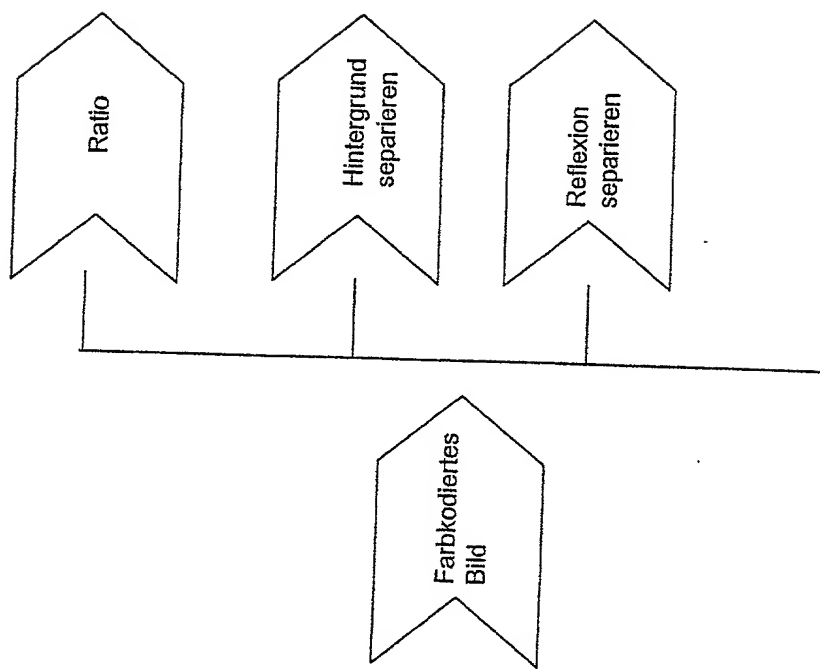


Figure: 10

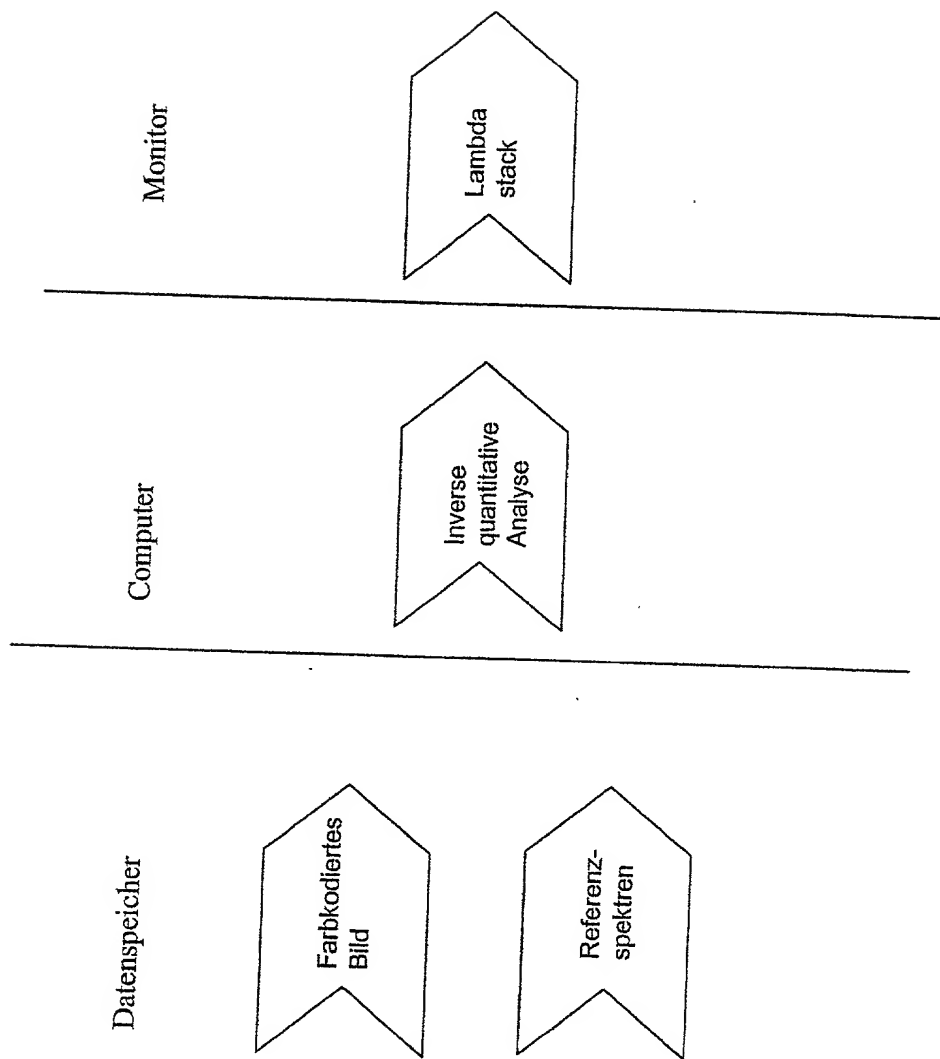
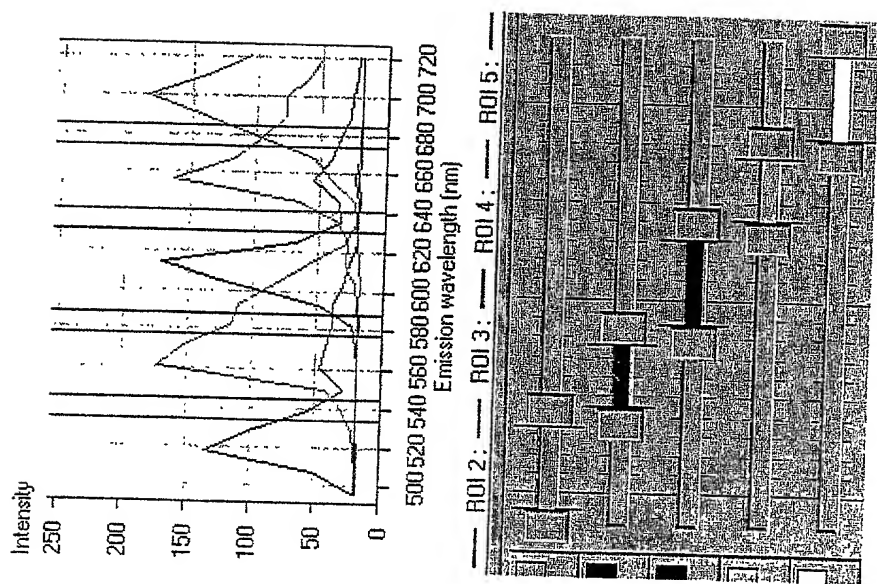
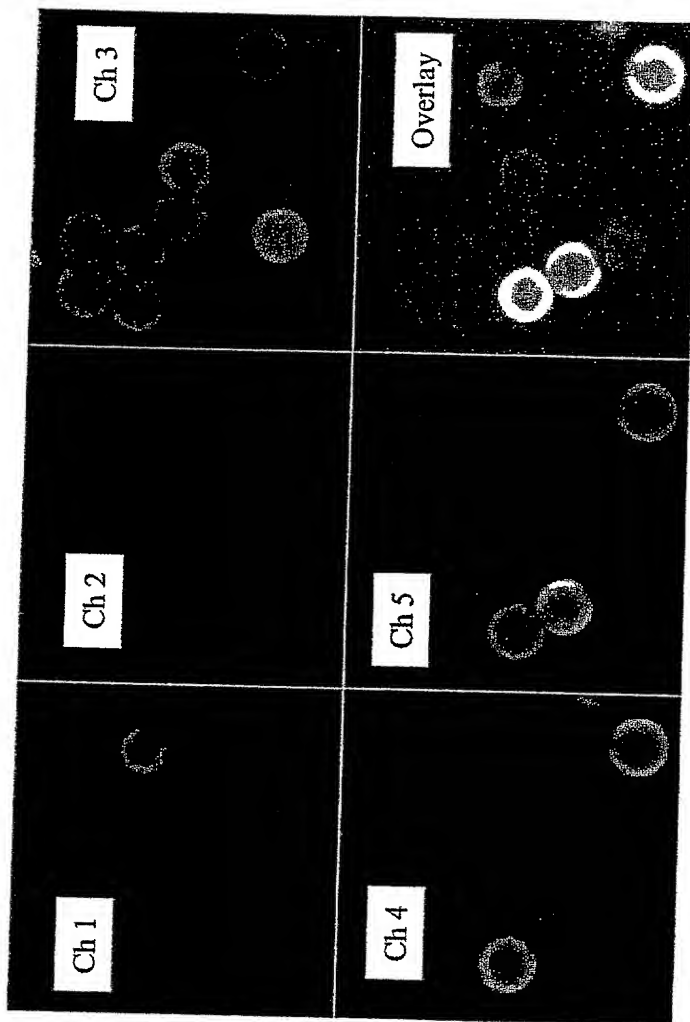


Figure: 11



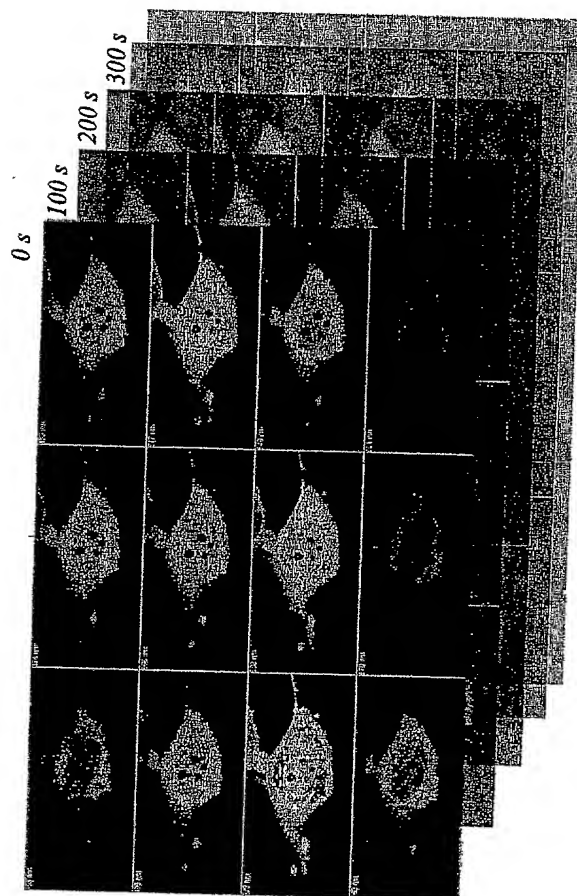
a.)



b.)

Figure: 12

A.)



B.)

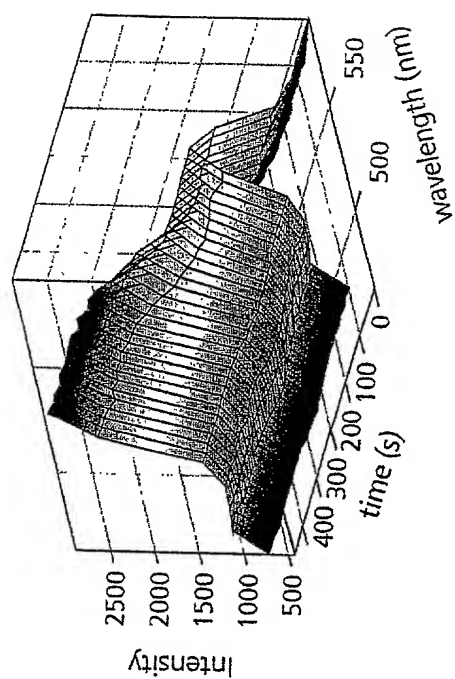


Figure: 13

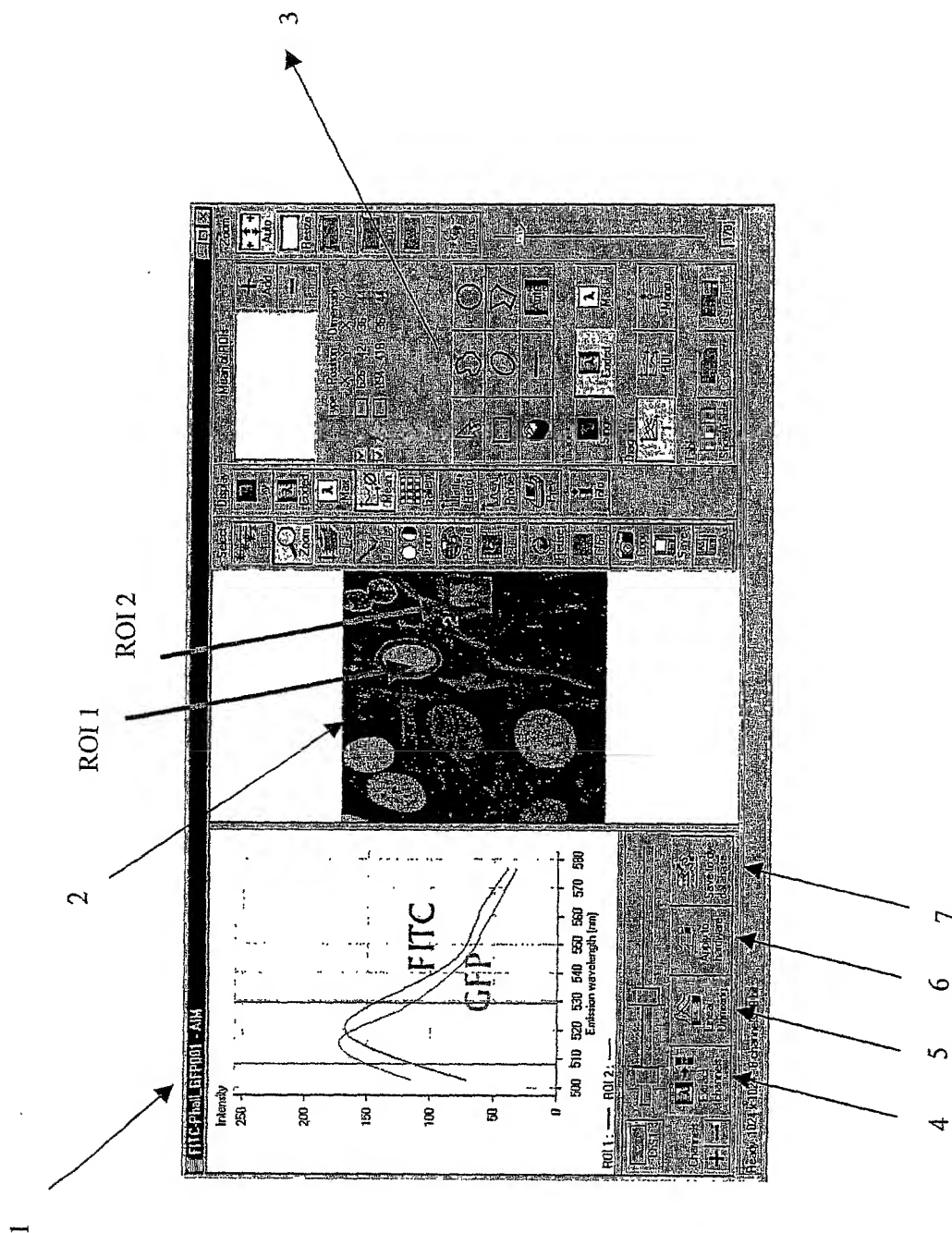
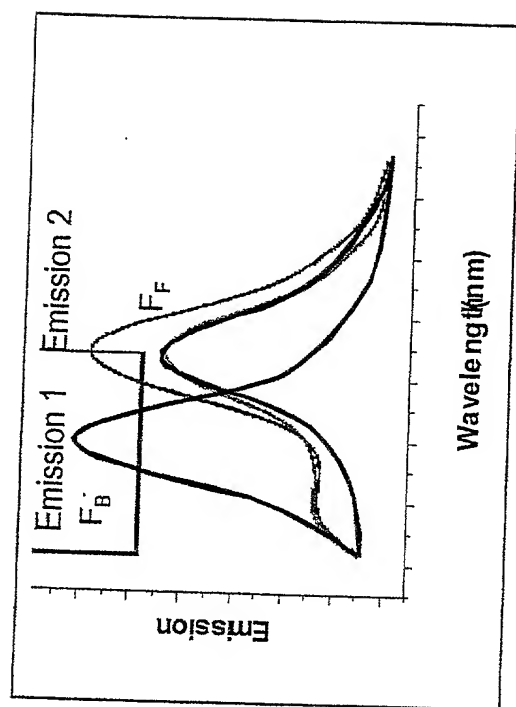
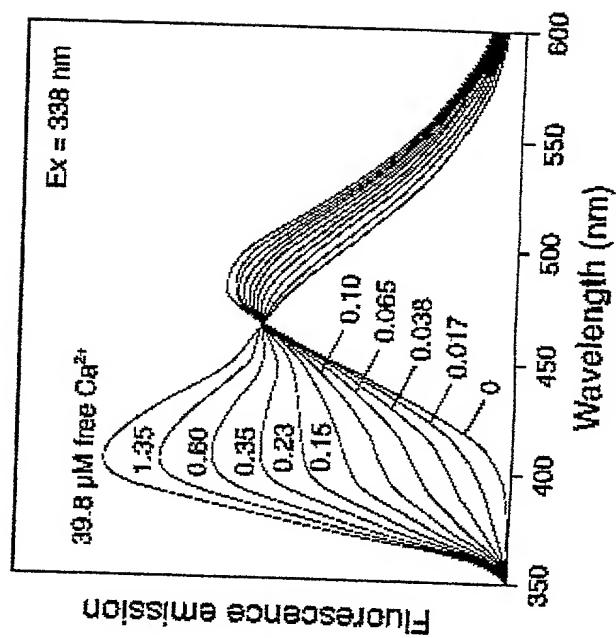


Figure: 14



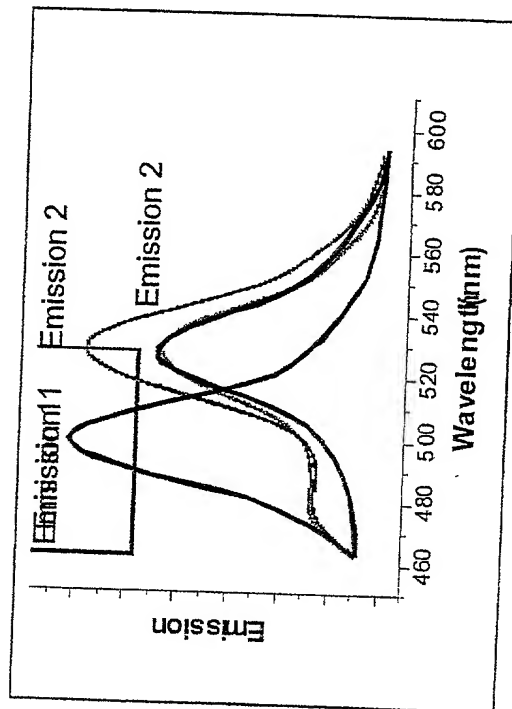
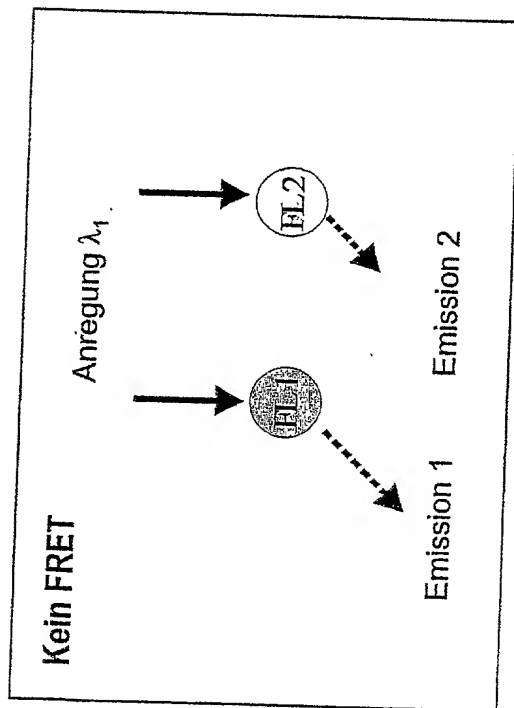
A.)



B.)

Figure: 15

A.)



B.)

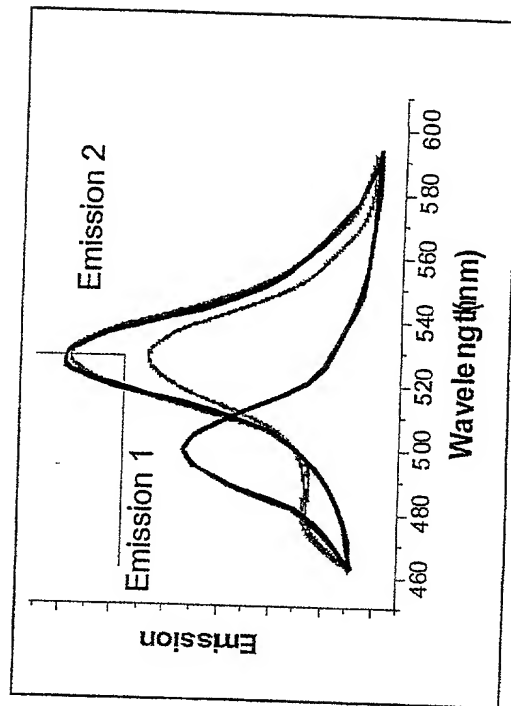
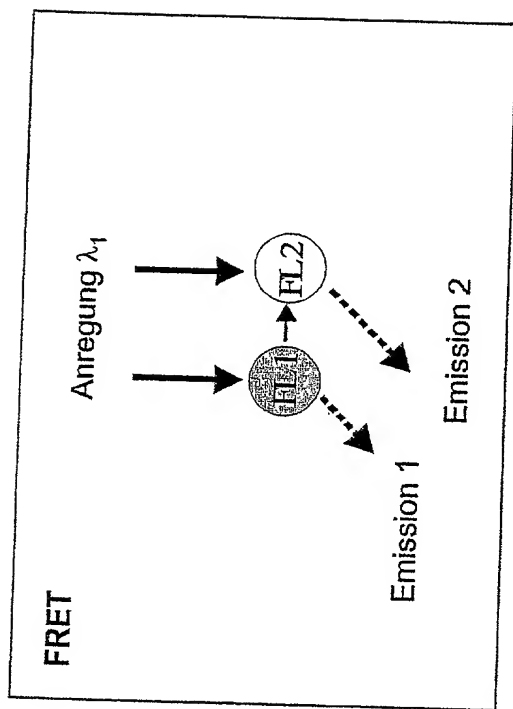
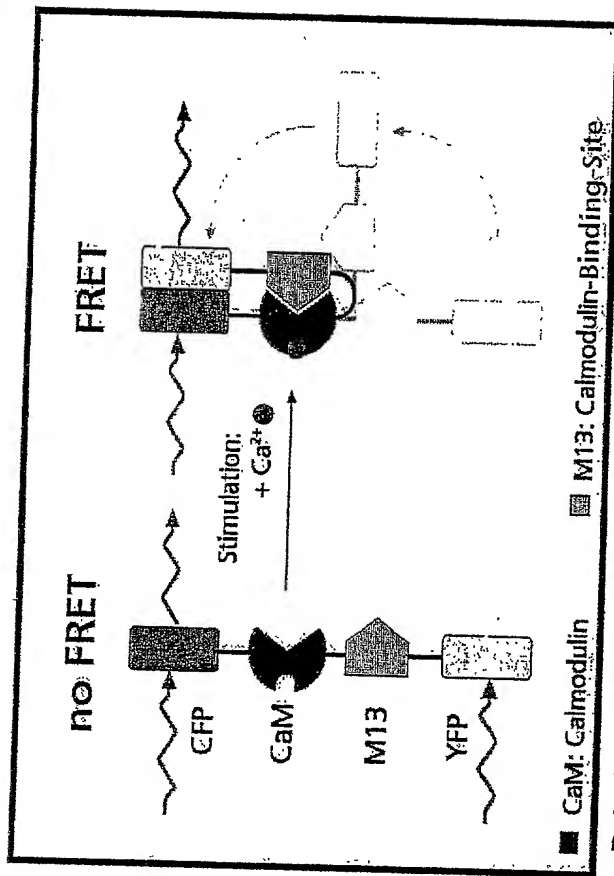


Figure: 16

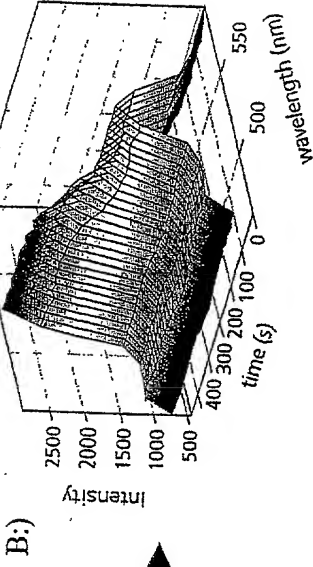
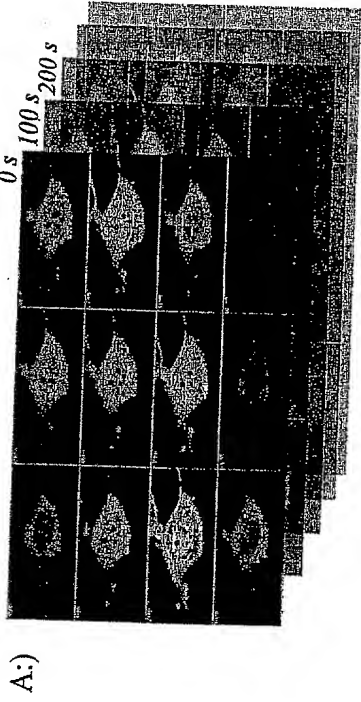




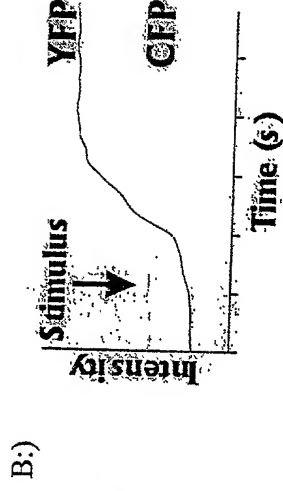
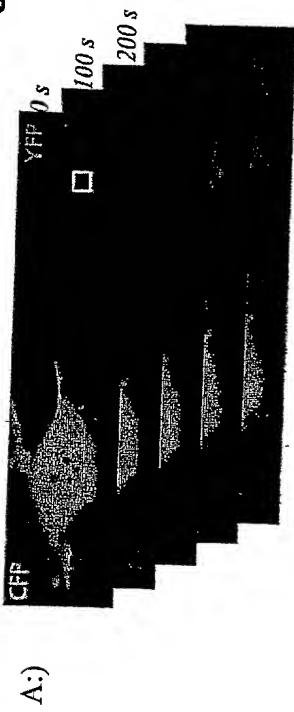
Beispiel: FRET-Sensor für Calciumkonzentrationsmessungen  
Yellow Cameleon2 (Miyawaki et al. Proc Natl Acad Sci USA  
96, 2135-2140, (March 1999))

Figure: 17

### 1. Serie von Lambda Stacks (xylt)



### 2. Serie von Bildern mit CFP- bzw. YFP-Signalen nach linearer Entmischungsanalyse



### 3. Serie von Ratio-Bildern (YFP/CFP)

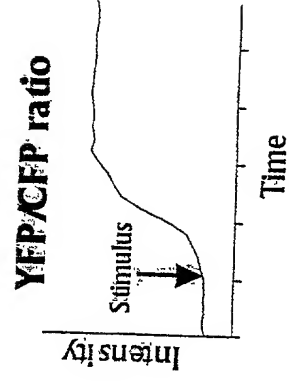
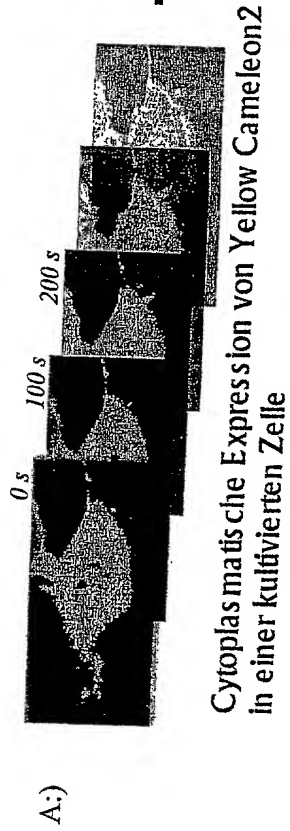


Figure: 18